

FIG. 1

09539972-033100
DATED 2/6/95

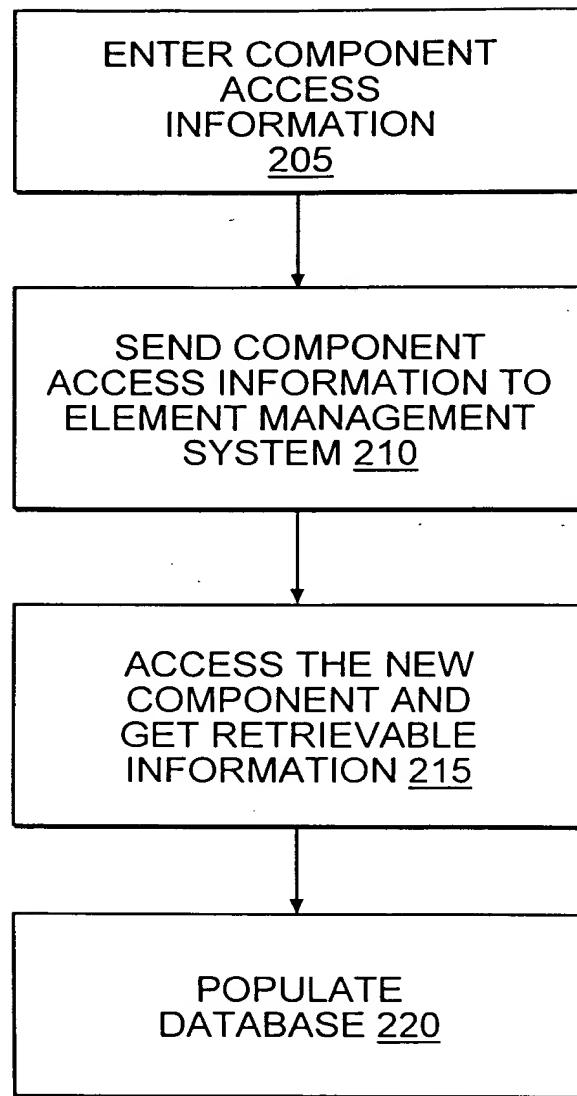


FIG. 2

```

graph TD
    START([START]) --> Decision{NEW  
NETWORK  
INFORMATION  
RECEIVED?  
305}
    Decision -- YES --> ReadRules[READ  
DEVICE RULES  
310]
    Decision -- NO --> ApplyRules[APPLY  
COMPARISON  
RULES  
330]
    ReadRules --> CollectData[COLLECT INVENTORY  
DATA  
315]
    CollectData --> StoreData[STORE INVENTORY  
DATA IN TEMPORARY  
DATABASE  
320]
    StoreData --> ReadRules321[READ COMPARISON  
RULES  
321]
    ReadRules321 --> Compare[COMPARE TEMPORARY  
AND PERMANENT  
DATABASES  
325]
    Compare --> ApplyRules
    ApplyRules --> ModifyDB[MODIFY PERMANENT  
DATABASE  
335]
    ModifyDB --> ClearDB[CLEAR TEMPORARY  
DATABASE  
340]
    ClearDB --> GenerateReport[GENERATE AND  
PROVIDE REPORT  
345]
    GenerateReport --> GenerateMessage[GENERATE AND  
PROVIDE DISCREPANCY  
MESSAGE  
350]
    GenerateMessage --> END([END])

```

FIG. 3

The screenshot shows a web application interface with the following components:

- Header:** "screen_116" and a close button (X).
- Search Section (402):**
 - Buttons: "Select by:", "Last Name", "First Name", "Street Number", "Business Name", "Customer Query Status", "Ready", "SEARCH".
- Table (404):**
 - Section: "1 RETRIEVED RECORDS"
 - Columns: ADSL Phone Number, Last Name, First Name, Street Number, Business Name.
 - Row 1: 6173213212, Doe, John, 40, GTE LABs.
- Network Diagram (406):**
 - Section: "CUSTOMER IP PATH"
 - Diagram: A cloud labeled "Network" connected to a "Router", which is connected to an "E_Switch", then to a "C Modem", then to a "Cable Pair", then to an "R Modem", and finally to a "CPE".
- Table (408):**
 - Section: "Customer Associated IPs"
 - Columns: Service IP, Network, ROUTER, ESWITCH, XDSL, CPU IP.
 - Row 1: N/A, 123.123.12.13, 123.123.12.14, 123.123.12.15.
- Footer (410):**
 - Section: "Device Query Status"
 - Status: "Ready"
 - Buttons: "PING", "TEST IP PATH", "SNMP TEST", "RETURN".

FIG. 4

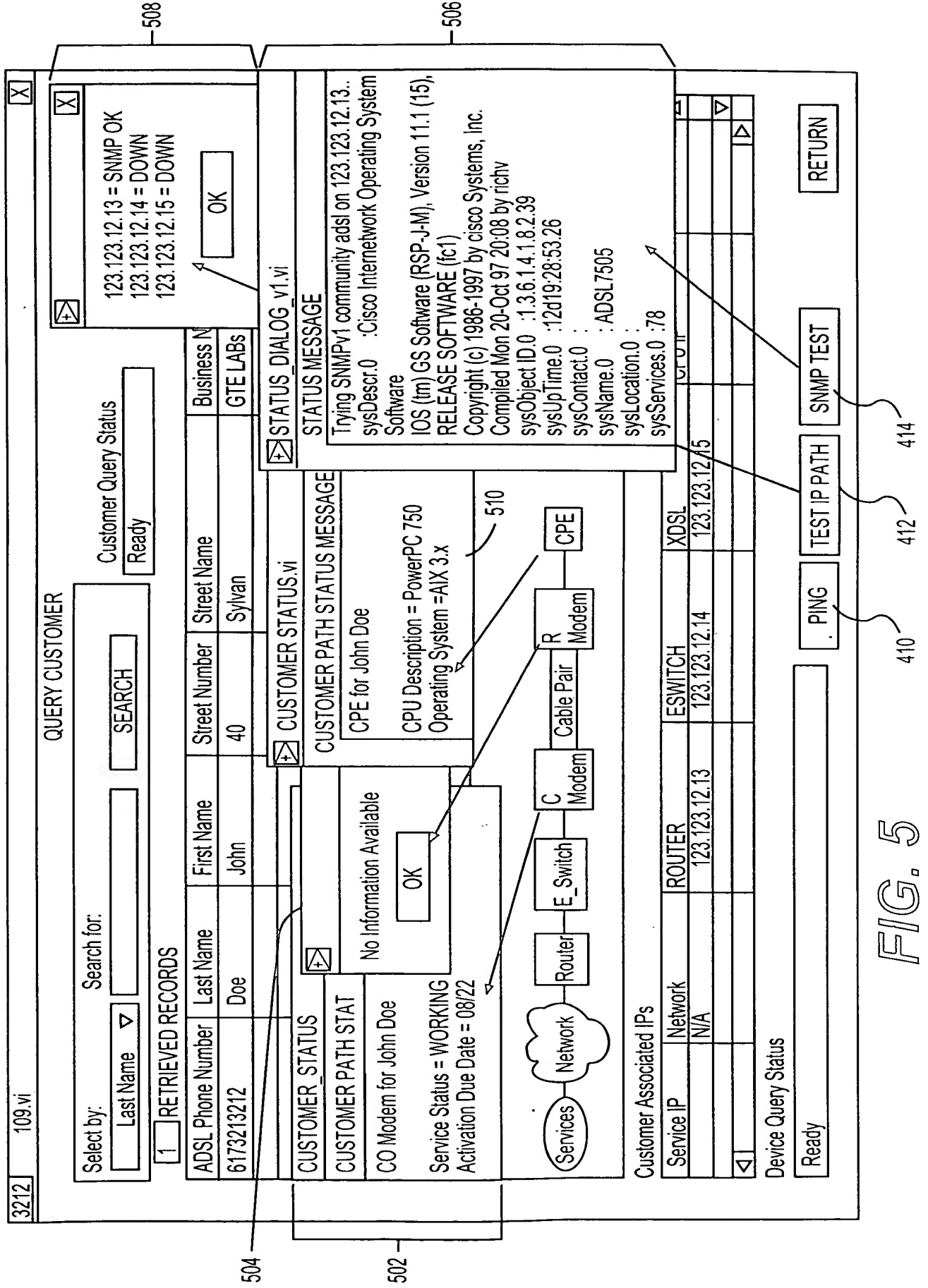


FIG. 5

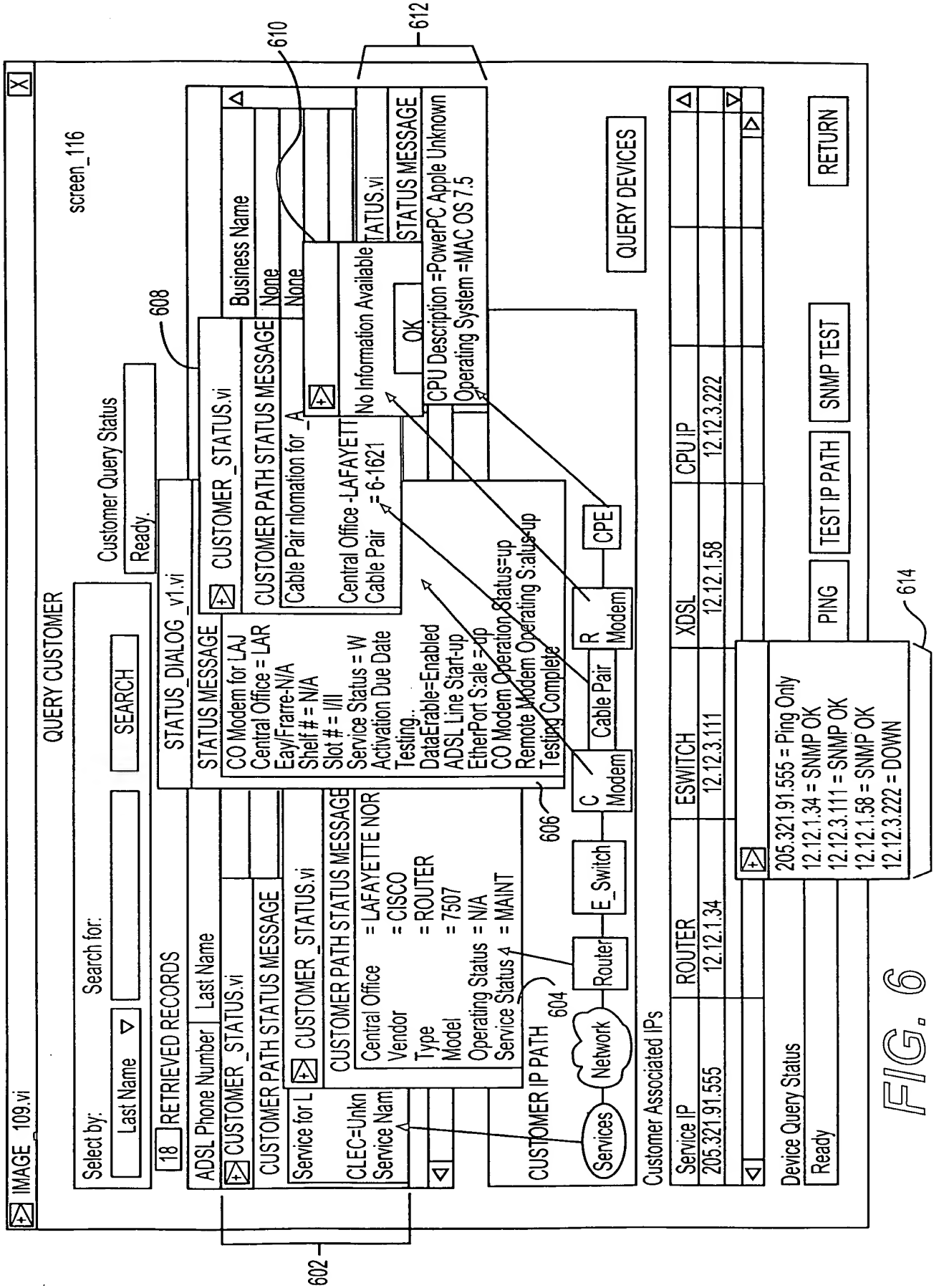


FIG. 6

702

704

706

708

Screen # 109

QUERY CUSTOMER

Customer Query Status
READY.

Search For:

SELECT
ADSL Phone #
Last Name
Street Name
Customer IP
Business Name

RETRIEVED RECORDS

ADSL PHONE #	LAST NAME	FIRST NAME	ST. #	STREET NAME	Business Name
206 555 1234	Black	SUE	11	First	N/A
206 555 1233	Brown	BRAD	5	Second	N/A
206 555 1232	Smith	TODD	5	Third	N/A
206 555 1231	Green	DEAN	BLDG	RM 1151	MS CAMPUS 9

CUSTOMER INFO

710

NETWORK

Default Gateway Select Device to Retrieve Additional Information

SERVICES ROUTER NETWORK ROUTER E-SWITCH1 CO MODEM REMOTE MODEM CPE

Customer Associated IPs

SERVICE	ROUTER	ROUTER/GATEWAY	E-SWITCH1	CUST IP	CUST COMP
206.123.12.123	206.123.12.124	12.12.1.111	12.12.1.122	12.12.1.133	1

Device Query Status
READY

712

714

716

718

700

FIG. 7

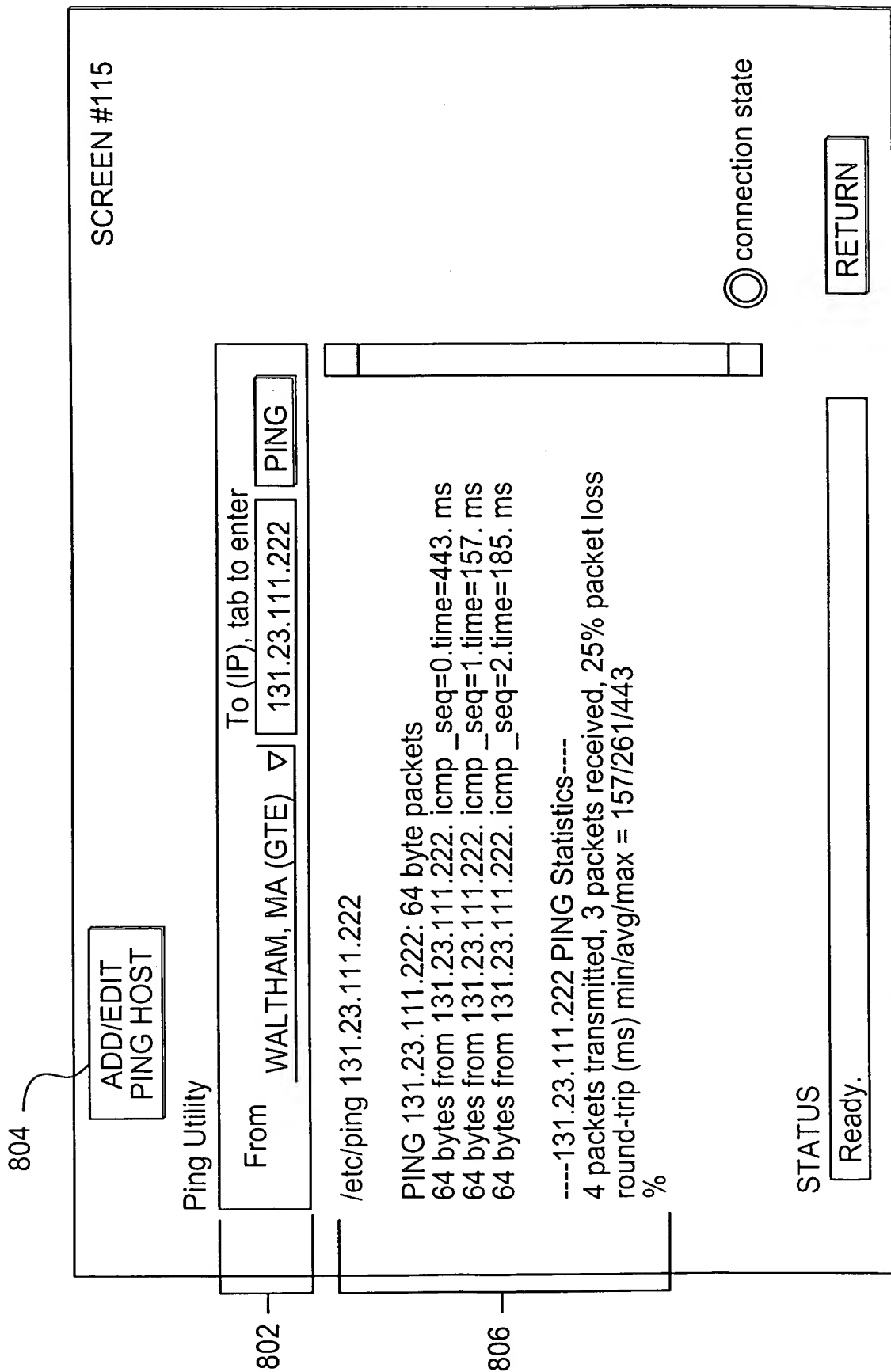


FIG. 8